

Application No. 10/002,573
Amendment Dated September 20, 2005
In reply to Office Action Dated July 18, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

CLAIMS:

Please amend claim 40, and cancel claims 1-28, 31-36, 45, and 46 without prejudice or disclaimer, as follows:

1-36. (Canceled)

37. (Original) A portable radio capable of communicating with other portable radios over a wireless radio network, the radio comprising:

- a transceiver for transmitting voice communications and location data to and receiving voice communications and location data from at least one of the other radios;

- a continuous tone coded squelch system (CTCSS) for controlling audio output of the transceiver so that a user of the radio only hears certain selected communications transmitted over the network; and

- an auxiliary coding system that, when enabled, codes all location data transmitted by the transceiver so that the location data can only be decoded by other radios having a similar auxiliary coding system.

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38. (Original) The radio as set forth in claim 37, further including –

- a GPS receiver for receiving satellite signals from a plurality of satellites; and
- a processor coupled with the GPS receiver for calculating a location of the radio as a function of the satellite signals.

39. (Original) The radio as set forth in claim 37, wherein the wireless radio network comprises a Family Radio Service (FRS) network.

40. (Currently Amended) A method of transmitting voice communications and location data between a plurality of radios, the method comprising the steps of:

- coding the location data with a coding system so that the location data can only be decoded by radios having a similar coding system; and
- transmitting the voice communications along with a continuous tone coded squelch system (CTCSS) sub-audible tone so that the radios receiving the voice communications will un-mute their audio if they have a CTCSS set to the sub-audible tone.

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41. (Original) A portable radio capable of communicating with at least one other portable radio over a wireless radio network, the radio comprising:

a radio transceiver for transmitting voice communications to and receiving voice communications from the other radio; and

a continuous tone coded squelch system (CTCSS) coupled with the radio transceiver for controlling audio output of the transceiver so that a user of the radio only hears certain certain communications transmitted over the network, the CTCSS including a selector for selecting between a plurality of CTCSS tones that each, when selected, is transmitted by the radio transceiver and received by the other radio and used to enable audio output of the other radio only if the other radio has been set to the same CTCSS tone, the CTCSS further including an emergency CTCSS tone that, when selected and transmitted, enables the audio output of the other radio whether or not the other radio has been set to the same CTCSS tone as the radio.

42. (Original) The radio as set forth in claim 41, wherein the emergency CTCSS tone is selected from existing CTCSS tones.

43. (Original) The radio as set forth in claim 41, wherein the emergency CTCSS tone is a new tone added to the CTCSS.

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44. (Original) The radio as set forth in claim 41, further including –

a GPS receiver for receiving satellite signals from a plurality of satellites; and

a processor coupled with the GPS receiver for calculating a location of the radio as

a function of the satellite signals.

45-46. (Canceled)